

Apparatus and Method for Crimping a Stent Assembly

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ABSTRACT OF THE DISCLOSURE

A stent assembly comprises a rotatable sheath and a stent. The assembly is crimped or reduced in diameter prior to loading onto a catheter by one or more crimping apparatuses. One crimping apparatus comprises a blade having a stepped configuration. A
10 mandrel may be used to support the assembly during crimping. The mandrel may have an expandable region. A protective sheath may be used to protect the stent during crimping and to redirect the crimping forces to desired locations about the assembly.

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